


WHAT IS CLAIMED IS:

19. A method of generating at least two independently selectable DC output voltages in response to either an AC input voltage or a DC input voltage, 
5 comprising the steps of:
converting the received AC or DC input voltage to a first selectable DC output voltage;
receiving said first selectable DC output voltage and generating a second DC output voltage which is independent of and substantially lower than
10 said first selectable DC output voltage.
20. The method of Claim 19 further comprising the step of selectively establishing the voltage magnitude of said first selectable DC output voltage using a removable program module.
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21. The method of Claim 19 wherein said first selectable DC output voltage is provided by an AC-to-DC flyback converter in response to an AC input voltage.
- 20 22. The method of Claim 19 wherein said first selectable DC output voltage is provided by a DC/DC boost converter in response to a DC input voltage.
- 25 23. The method of Claim 19 further comprising the step of filtering said first selectable DC output voltage via a filter circuit, said filter circuit providing a filtered DC output voltage of between 15VDC and 25VDC.

24. The method of Claim 23 wherein said filter circuit output is coupled to a DC-to-DC buck converter, wherein said DC-to-DC buck converter is adapted to provide the second separate and independent DC output voltage of between 3VDC and 15VDC.

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25. The method of Claim 19 wherein said removable program module comprises a key having a set of resistors, wherein said first selectable DC output voltage is a function of the value of one of said resistors.

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26. The method of Claim 25 wherein said key establishes an output voltage function.

27. The method of Claim 25 wherein said key establishes an output current limiting function.

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28. The method of Claim 19 wherein said AC input voltage can have a range of 90VAC to 265VAC.

29. The method of Claim 19 wherein said DC input voltage can have a range of 11VDC to 16VDC.

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30. A power converter, comprising: /
a first circuit converting an AC input voltage to a first
predetermined DC output voltage;
a second circuit converting a DC input voltage to a second
5 predetermined DC output voltage; and
an third circuit receiving said first and second predetermined DC
voltages and, in response thereto, providing a selectable DC output voltage at a
first output, wherein said selectable DC output voltage is established as a function
a removable program module.

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31. The power converter of Claim 30 wherein said first and second
predetermined DC output voltages are substantially the same and are provided to
a common node.

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